

Alvaston & Boulton District Council.

—•❧•—
THIRTEENTH

Annual Report

FOR THE YEAR 1895.

Medical Officer of Health:

WM. HY. WRIGHT,

L.R.C.P., L.M., Irel.; M.R.C.S., Eng.; L.S.A., Lond.

Deputy Medical Officer of Health:

AUBREY JOHNSTON,

L.R.C.P., L.R.C.S., Edin.; L.F.P.S., Glasgow.

—•❧•—
Chadfield & Son, Printers, 118, Friar Gate, Derby.

CLEVELAND HOUSE,

DERBY, JANUARY 10TH, 1896.

*To the Chairman and Members of the
Alvaston & Boulton District Council.*

GENTLEMEN,

I have the honour to submit to you my Thirteenth Annual Report. During the year 1895, the deaths of 61 persons (males, 33 ; females, 28) have been registered in your district, giving a death rate of 16 per thousand for the year. During the same period, the births of 72 males and 59 females (together 131) have been registered in the district ; the birth rate for the year has accordingly been 34·6 per thousand.

It will be observed that there is a slight increase in the death rate as compared with last year. The death rate for 1894 being 12· per thousand ; and in 1893 14·7 per thousand.

Population—Census	...	April, 1881	...	...	1,506
„	„	...	April, 1891	...	3,116
„	Estimated	June, 1892	...	...	3,412
„	„	...	June, 1893	...	3,670
„	„	...	June, 1894	...	3,750
„	„	...	June, 1895	...	3,780

The Local Government Board require the death rate to be returned according to the estimated population, June, 1895. You will notice in the appended Table A :—Firstly—that the deaths under one year are fifteen, against eight last year, and seventeen the year before. Secondly—there are five deaths from consumption, against six last year, and three the year before. Thirdly—there were twenty-one deaths between the ages of one and five years, against thirteen last year, and nine the year before.

Three of the deaths recorded were due to old age (two males and one female). Their combined ages amounting to 224 years, giving each an average of 74 years.

There were ten deaths over 65 years of age, eight of which were over 70 years, against ten last year, with an aggregate age amounting to 601 years. The youngest death registered was 23 days, the oldest 83 years.

**Table of Deaths for the years 1895, 1894,
and 1893.**

NAMES OF DISEASES.	1895.	1894.	1893.
Umbilical Hemorrhage	—	1	—
Diabetes	—	—	1
Jaundice	—	—	1
Bright's Disease	2	1	—
Cancer	1	1	1
Senile Decay (Old Age)	3	4	3
Cyanosis (Malformation of the Heart)	1	—	—
Bronchitis	13	6	6
Heart Disease	1	6	5
Apoplexy	3	—	1
Pneumonia	1	—	5
Phthisis (Consumption)	5	6	3
Inanition (Weakly)	—	2	2
Convulsions	4	3	11
Marasmus	1	—	—
Premature Birth	—	—	1
Tabes Mesenterica	—	—	1
Atrophy	1	—	—
Anæmia	1	—	—
Peritonitis	—	1	—
Tubercular Meningitis	—	—	1
Inquests	5	3	1
Spina Bifida	1	—	—
Tumour of the Brain	1	—	—
Meningitis	—	3	1
Enteritis	1	—	—
Pleurisy	—	1	1
Accident	—	—	1
Intestinal Abscess	—	1	—
Epilepsy	—	1	—
Tumour of Mediastinum	—	1	—
Intestinal Hepatitis	—	1	—
Eczema	1	—	—
Softening of the Brain	1	—	—
Total ..	47	40	46

**Table of Deaths from Zymotic Disease for
the years 1895, 1894, and 1893.**

NAMES OF DISEASES.	1895.	1894.	1893.
Influenza	1	—	1
Whooping Cough	5	—	—
Measels	1	—	—
Diarrhœa	5	—	2
Diphtheria	—	—	5
Typhoid Fever	1	2	—
Scarlet Fever	1	3	—
Total ..	14	5	8

NOTIFICATION OF INFECTIOUS DISEASE.

		1895.		1894.
Diphtheria		—	...	6
Scarlet Fever	...	30	...	46
Enteric Fever	...	3	...	12
Erysipelas		—	...	2
		—		—
Total	...	33	...	67

In giving details of the history of Zymotic Disease in the district, I have to state that during the past year we have been visited with a severe epidemic of Scarlet Fever.

There have been three cases of Enteric Fever during the autumn, resulting in one death. During the months of January, February, March, and April, we have been visited with a severe epidemic of Scarlet Fever. There have been 30 cases notified, with one death. It is gratifying to find that the cases of Scarlet Fever notified are 30, against 46 last year, and with only one death compared with three last years. The epidemic is apparently stamped out, and I trust before any further outbreak we shall have our new Infectious Hospital erected.

It is with regret that I have to announce an increased Zymotic death rate. We have had 14 deaths due to infectious disease, against five last year. This was caused by an epidemic of Whooping Cough during the first three months of the year, causing five deaths; and an outbreak of Diarrhoea during the summer months, also causing five deaths—all children under five years of age. The Zymotic death rate is 3·7, against 1·3 last year, 2·1 in 1893, and 3·7 in 1892.

In taking a review of the past year there is much cause for congratulation. The district has been systematically visited, also special visits made immediately upon the outbreak of any Infectious Disease. There has also been a monthly visit paid to each school, and the Sick Log examined.

I have also received from the County Medical Officer of Health a weekly return of fresh cases of Infectious Diseases notified by Medical Officers of Health throughout the county, and have sent a weekly return giving particulars of fresh cases in the Alvaston and Boulton District. This is invaluable in showing at a glance the early approach of any Infectious sickness.

I am pleased to say the “Notification of Diseases Act” has continued to work smoothly, and I have not had a single complaint. Every house I have visited I have been received with the greatest courtesy.

REVIEW OF MONTHLY REPORTS.

JANUARY.

I pointed out to you that the Skin Affection at Allenton was stamped out. Scarlet Fever was shewn to spread owing to gross neglect and carelessness of parents—eight cases notified. A few cases of Measels were reported, causing one death. Nine deaths were reported, eight being due to affections of the chest, two being caused by Whooping Cough.

FEBRUARY.

Thirteen deaths reported; nine due to diseases of the chest including three from Whooping Cough. These deaths occurred during the very severe weather, affecting the old and young. Ten fresh cases of Scarlet Fever notified during the month, all at Newtown. I pointed out to you that I should be compelled to close the schools if this continued.

MARCH.

I reported Influenza had again made its appearance, causing one death. Six cases of Scarlet Fever notified, against ten last month. The Easter holidays approaching I suggested that the schools should be thoroughly disinfected.

APRIL.

I reported only three cases of Scarlet Fever, a very marked improvement. Influenza epidemic dying out. The County Councils considering the necessity of an Infectious Hospital.

MAY.

I reported two deaths, giving the lowest death rate for the year, viz., 6·8 per thousand. No cases of Scarlet Fever notified.

JUNE.

I reported one case of Scarlet Fever notified. Diarrhœa very prevalent during the hot weather, causing one death. School attendance good.

JULY.

Diarrhœa still prevalent, causing one death. One case of Scarlet Fever notified. School attendance good.

AUGUST.

Diarrhœa still prevalent, causing two deaths. Case of Typhoid Fever notified.

SEPTEMBER.

Case of Scarlet Fever notified. Case of Typhoid Fever notified. I made a careful examination of premises, and consider the case an imported one, which, I regret to say, proved fatal. I informed the Board that, owing to the continued growth of my practice, I had taken Dr. Johnston into partnership, and you were good enough to appoint him Deputy Medical Officer of Health. He has proved himself a very capable colleague, and has given me much assistance in drawing out this report.

OCTOBER.

Death rate 13·7 per thousand. Public health most satisfactory. School Attendance excellent.

NOVEMBER.

Death rate 11 per thousand. Mumps and sore throats prevalent. Case of Typhoid Fever notified. Case of mild Scarlet Fever notified.

DECEMBER.

Death rate 10·3 per thousand. School attendance excellent. No cases of Infectious Disease notified.

During the summer months, I drew the attention of the Board that Diarrhœa was more or less prevalent in the district, and care should be taken to report any case of *Choleric* Diarrhœa, with a view to prevent the spread of Cholera, should it make its *appearance* in Derbyshire. We had five deaths from Diarrhœa, no deaths last year, two deaths in 1893, one in 1892, and three in 1891.

We have had one death from Influenza last February.

I must now revert to the Water Supply of the District, and it is again most satisfactory to find that not a single case of Diphtheria has been reported from Allenton, the district in which in 1892 the water, after analysis, was found to be contaminated with sewage and unfit for drinking purposes. The public health of Allenton now stands first in the combined parishes, no cases of Scarlet Fever, Typhoid Fever, or Diphtheria having been reported during the past year. The school attendance, under the new arrangement, is most satisfactory, and the discipline excellent.

I should feel that this report was not complete were I not to mention the courtesy and assistance I have received from Dr. Barwise (the County Medical Officer of Health), and Drs. Ashby and Turpin (the resident Medical Practitioners), and also the valuable help I received from my colleagues. In reviewing the work of the year, I may say that progress has been made and useful Sanitary work accomplished. I shall continue to co-operate with the County Medical Officer of Health so that I may be timely warned of the approach of any epidemic. Trusting that my efforts have met with your approval,

I remain, Gentlemen,

Your obedient Servant,

W. H. WRIGHT,

Medical Officer of Health.

AUBREY JOHNSTON,

Deputy Medical Officer of Health.

DEATHS DURING THE YEAR 1895 CLASSIFIED
ACCORDING TO DISEASES AND AGES.

TABLE A.

Mortality from all causes, at subjoined ages :—

Under 1 year of age	...	...	...	...	15
1 and under 5 years of age	...	...	...	...	21
5 „ 15	„	...	...	...	4
15 „ 25	„	...	...	...	2
25 „ 65	„	...	...	...	9
65 and upwards	...	...	...	...	10
Total					61

Mortality from subjoined causes, distinguishing Deaths of
Children under Five years of age and upwards :—

			Under Five.	Five and Upwards.
Whooping Cough	...	...	5	—
Measles...	...	...	1	—
Scarlet Fever	...	...	1	—
Typhoid Fever	...	...	—	1
Diarrhœa	...	...	5	—
Phthisis ...	...	...	—	5
Influenza	...	...	—	1
Bronchitis, Pneumonia, and Pleurisy	11			3
Heart Disease	...	...	—	1
All other Diseases	...	...	13	14
Total			36	25

TABLE B.

New Cases of Sickness in each locality, coming to the know-
ledge of the Medical Officer of Health :—

			Under Five.	Five and Upwards.
Scarlatina	...	...	4	26
Diphtheria	...	...	—	—
Enteric Fever	...	...	—	1
Erysipelas	...	...	—	—
Diarrhœa	...	...	5	—
Whooping Cough	...	...	5	—
Measles ...	...	...	1	—
Influenza	...	...	—	1
Total			15	28

TABLE C.

Summary of Sanitary work done in the Inspector of Nuisances' Department during the year 1895 in the Derbyshire portion of the Urban Sanitary District of Alvaston and Boulton.

			Inspections. Observations made.	Informal Notices served by Inspector.	Legal Notices by Authority.	Nuisances Abated after Notice.
Foul Conditions—Dwelling						
Houses	...	...	2	2	—	2
Ashpits and Privies	...	...	67	67	—	67
Deposits of Refuse and Manure	...	...	3	3	—	3
Defective Traps	...	...	4	4	—	4
Water Supply	...	...	2	2	—	2
Cow Sheds	...	...	5	5	—	5
Pigsties	...	...	1	1	—	1
Slaughter Houses	...	...	4	4	—	4
Animals improperly kept	...	...	—	—	—	—
Drains blocked	...	...	19	19	—	19
Other Nuisances	...	...	11	11	—	11
Total			118	118		118
Precaution against Infectious Diseases						District Disinfected Weekly.
{						
Houses Disinfected after Infectious Disease						16

*C. Mills & Co., Printers,
Alton, Hampshire*